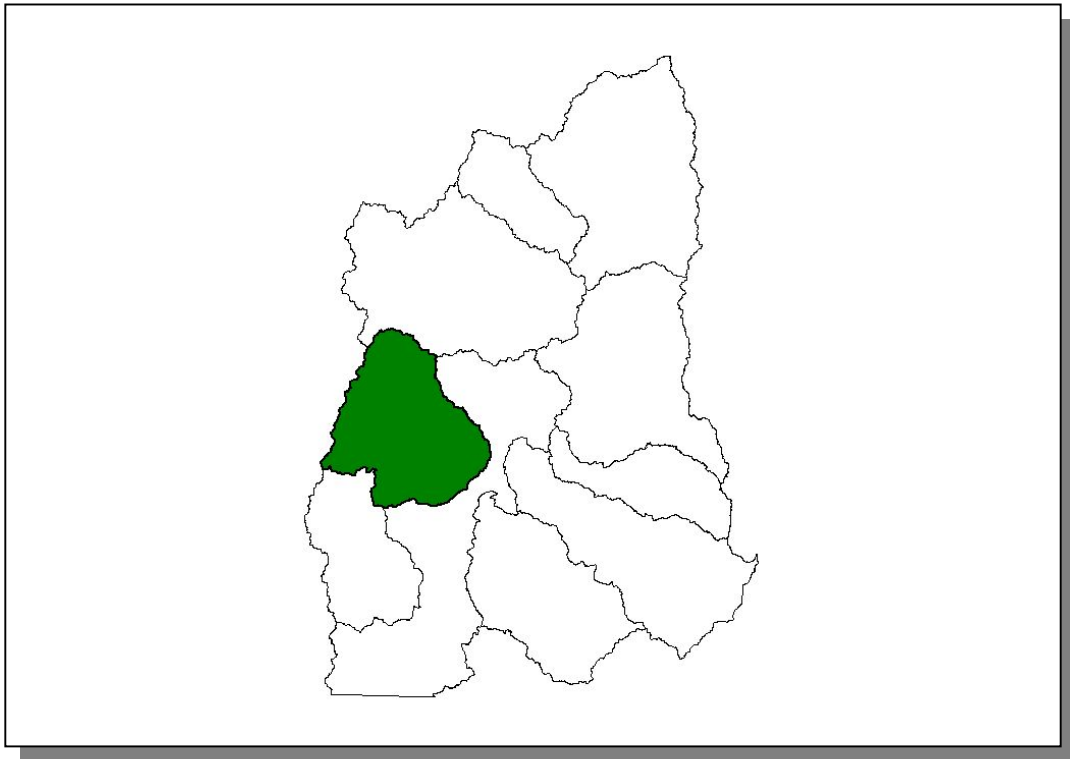
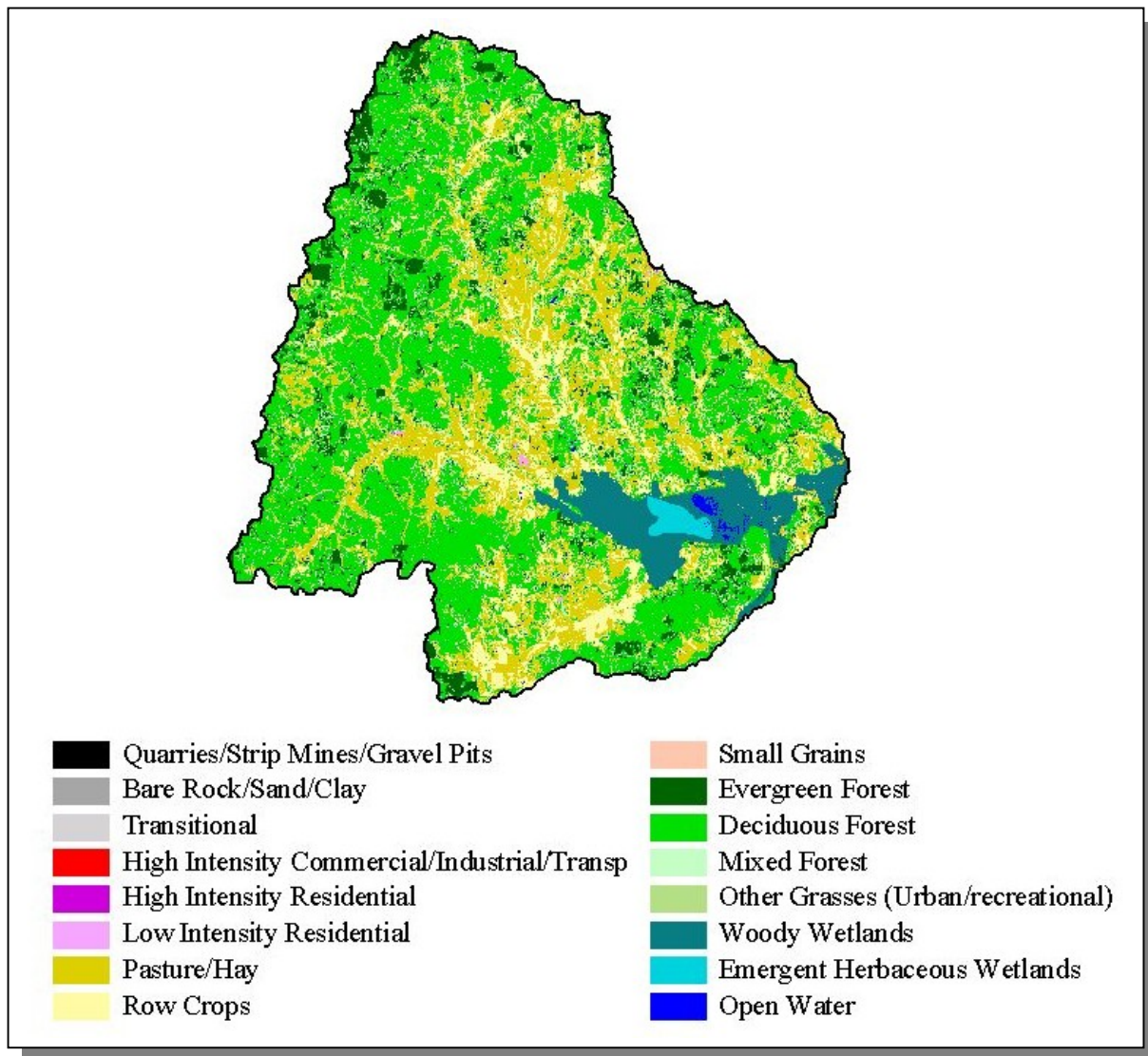


**4.2.D. 0604000104 (White Oak Creek).**

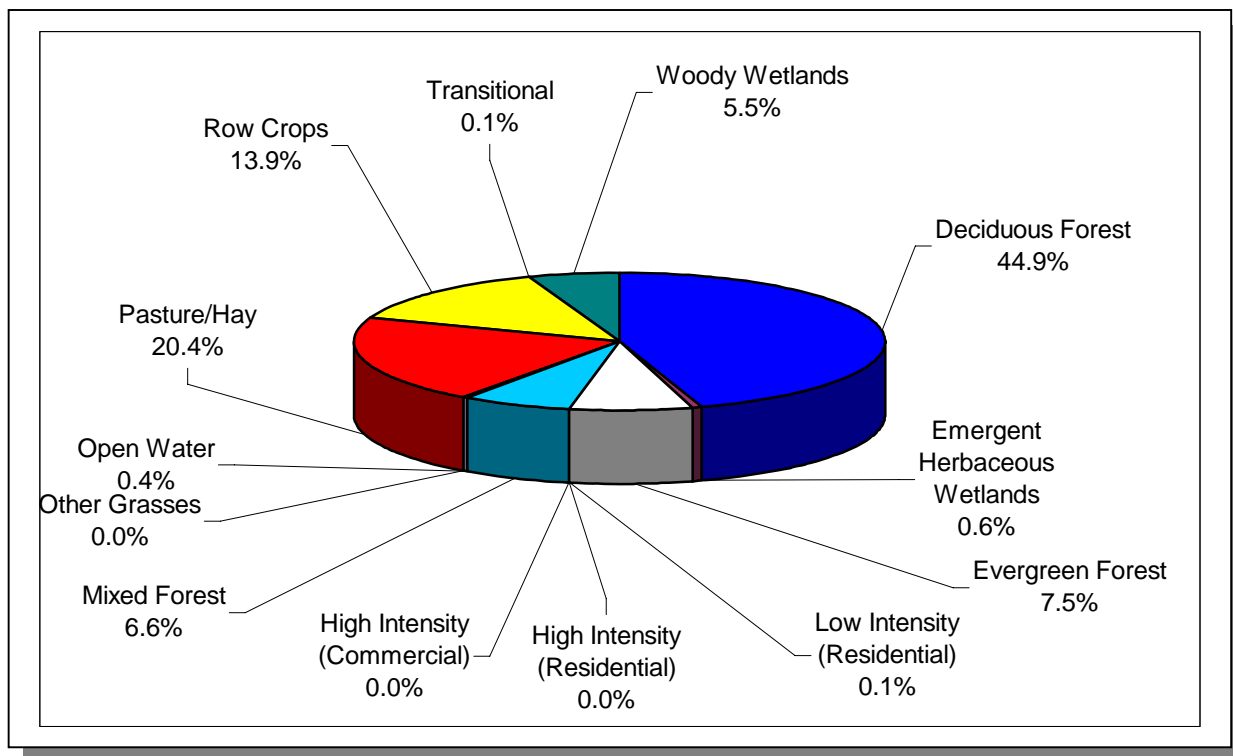


**Figure 4-40. Location of Subwatershed 0604000104.** All Tennessee Western Valley (Beech River) HUC-10 subwatershed boundaries in Tennessee are shown for reference.

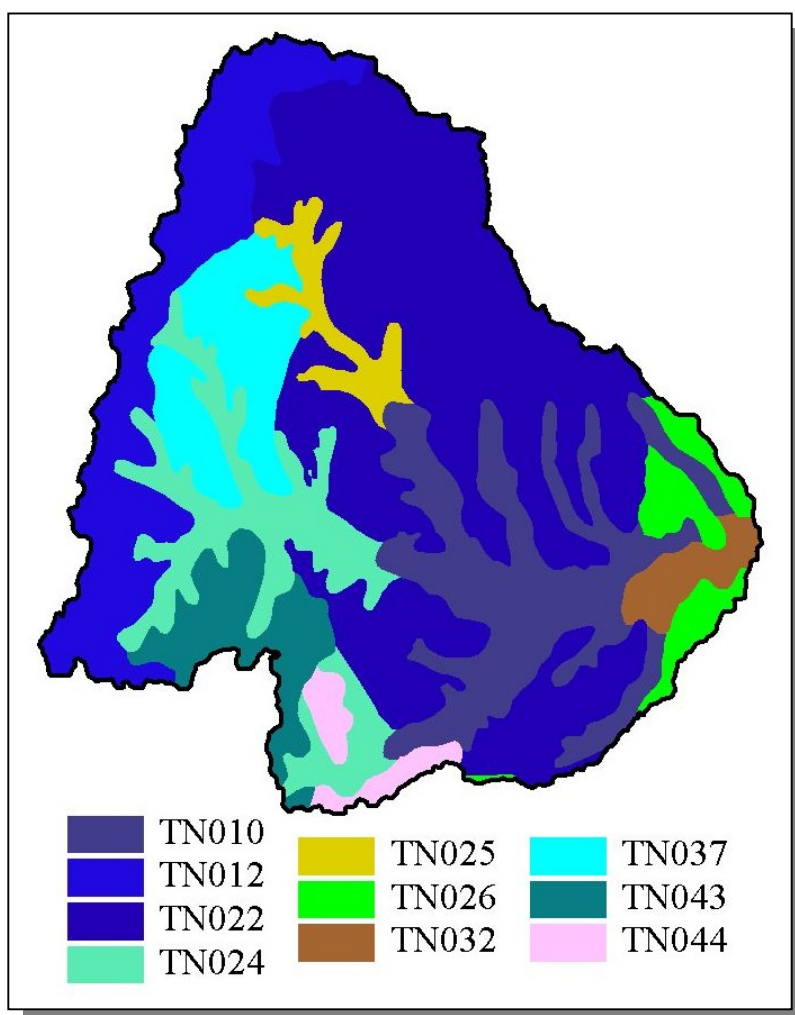
4.2.D.i. General Description.



*Figure 4-41. Illustration of Land Use Distribution in Subwatershed 0604000104.*



**Figure 4-42. Land Use Distribution in Subwatershed 0604000104.** More information is provided in Appendix IV.



**Figure 4-43. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000104.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN010	81.00	C	1.33	5.11	Silty Loam	0.44
TN012	1.00	C	2.52	5.13	Silty Loam	0.39
TN022	5.00	C	1.98	5.07	Loam	0.37
TN024	61.00	D	2.18	5.35	Loam	0.29
TN025	53.00	C	2.00	5.52	Loam	0.25
TN026	0.00	B	1.52	5.13	Silty Loam	0.40
TN032	19.00	C	1.21	5.51	Silty Loam	0.37
TN037	0.00	C	3.51	4.86	Sandy Loam	0.27
TN043	0.00	C	2.70	5.02	Loam	0.30
TN044	0.00	C	1.48	5.32	Silty Loam	0.42

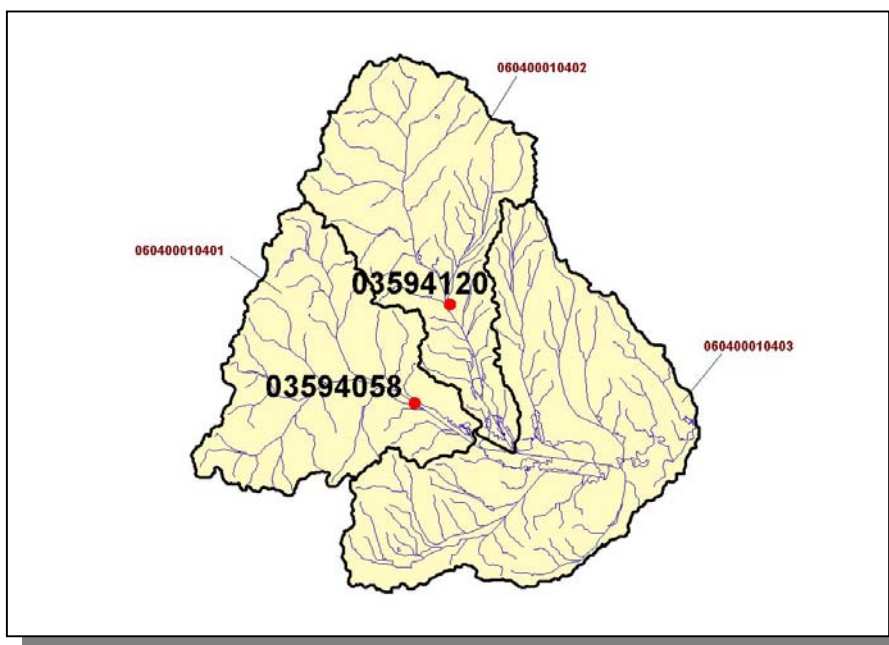
**Table 4-25. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000104.** More information is provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-1997)
	1990	1997	2000		1990	1997	2000	
Chester	12,819	14,469	15,540	15.90	2,041	2,303	2,474	21.2
Hardin	22,633	24,816	25,578	12.23	2,767	3,034	3,127	13.0
Henderson	21,844	24,000	25,522	6.36	1,389	1,526	1,623	16.8
McNairy	22,422	23,678	24,653	7.35	1,648	1,740	1,812	10.0
<b>Totals</b>	<b>79,718</b>	<b>86,963</b>	<b>91,293</b>		<b>7,845</b>	<b>8,603</b>	<b>9,036</b>	<b>15.2</b>

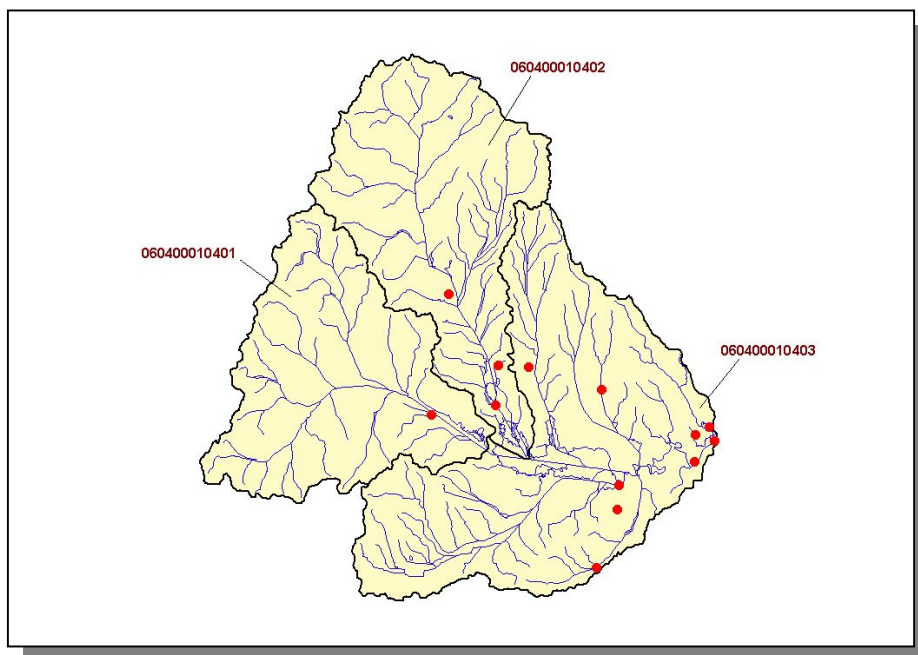
*Table 4-26. Population Estimates in Subwatershed 0604000104.*

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Adamsville	McNairy	1,745	764	606	154	4
Enville	McNairy	196	121	1	117	3
Milledgeville	McNairy	291	154	2	152	0
Sardis	Henderson	315	159	8	151	0
Crump	Hardin	2,006	951	67	873	11
Saltillo	Hardin	377	232	13	194	25
<b>Total</b>		<b>4,930</b>	<b>2,181</b>	<b>697</b>	<b>1,641</b>	<b>43</b>

*Table 4-27. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0604000104.*

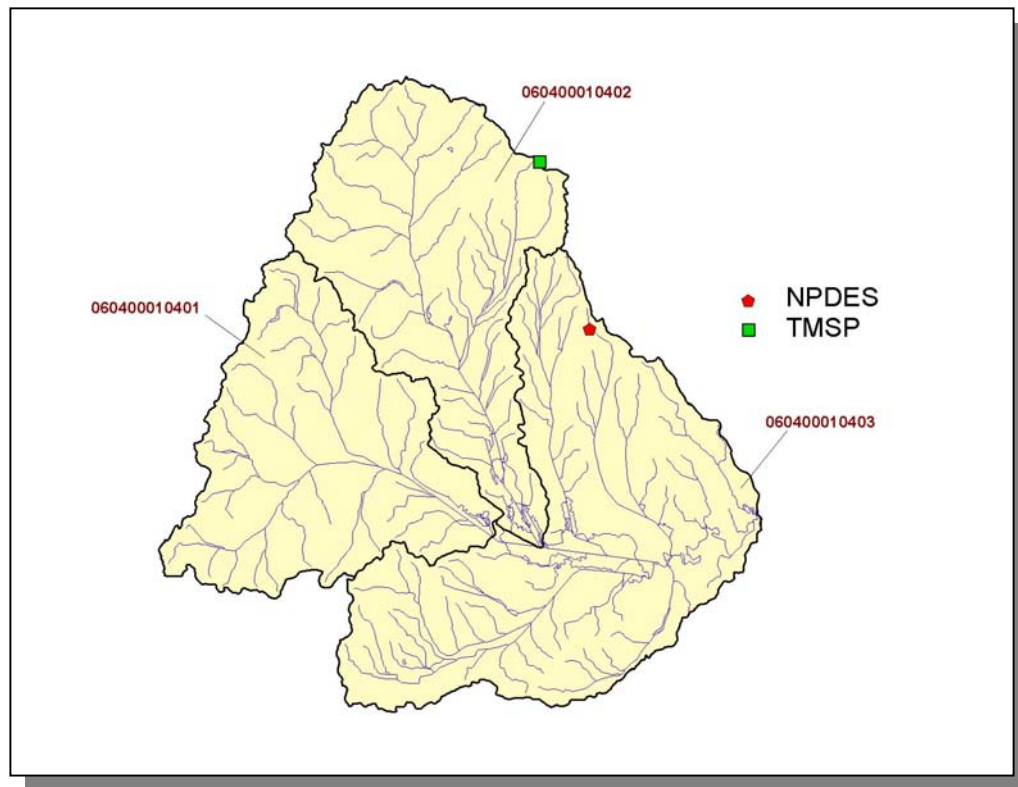


**Figure 4-44. Location of Historical Streamflow Data Collection Sites in Subwatershed 0604000104.** Subwatershed 060400010401, 060400010402, and 060400010403 boundaries are shown for reference. More information is provided in Appendix IV.



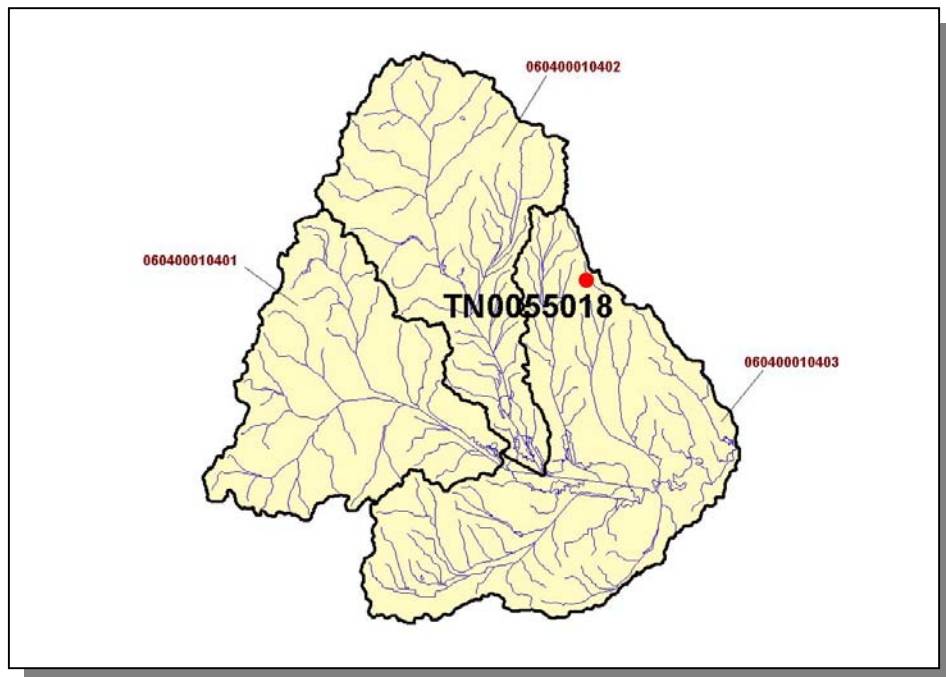
**Figure 4-45. Location of STORET Monitoring Sites in Subwatershed 0604000104.** Subwatershed 060400010401, 060400010402, and 060400010403 boundaries are shown for reference. More information, including site names and locations, is provided in Appendix IV.

**4.2.D.ii.** Point Source Contributions.

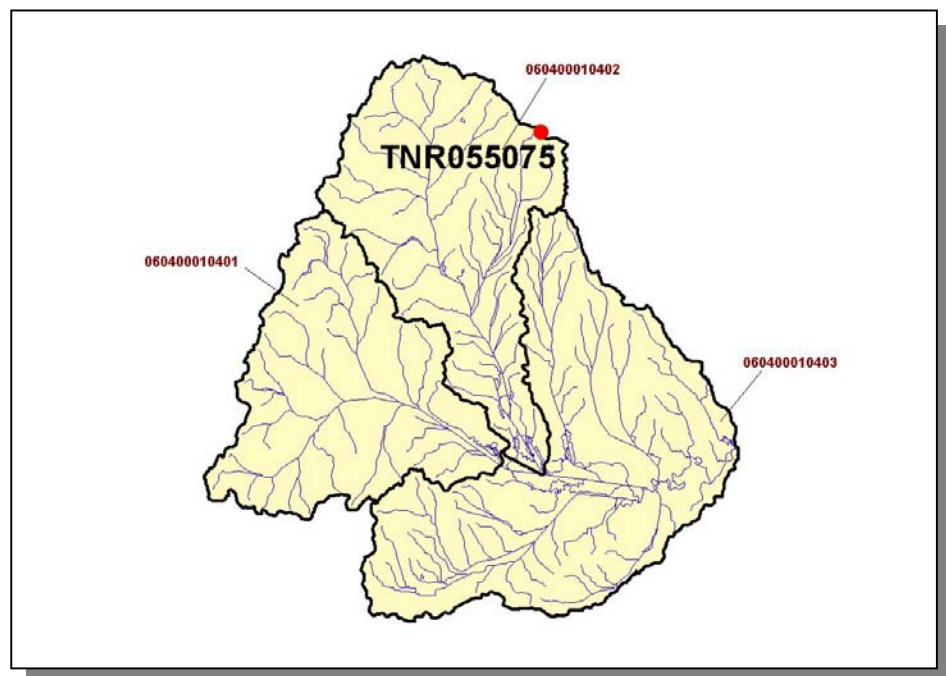


**Figure 4-46. Location of Active Point Source Facilities in Subwatershed 0604000104.** Subwatershed 0604000104, 0604000104, and 0604000104 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.





**Figure 4-47. Location of NPDES Facilities in Subwatershed 0604000104.** Subwatershed 0604000104, 0604000104, and 0604000104 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.



**Figure 4-48. Location of TMSP Facilities in Subwatershed 0604000104.** Subwatershed 0604000104, 0604000104, and 0604000104 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.



**4.2.D.iii.** Nonpoint Source Contributions.

<b>LIVESTOCK (COUNTS)</b>						
Beef Cow	Milk Cow	Cattle	Chickens (Layers)	Chickens Sold	Hogs	Sheep
2,935	8	8,454	12	<5	3,271	42

**Table 4-28. Summary of Livestock Count Estimates in Subwatershed 0604000104.** According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	<b>INVENTORY</b>		<b>REMOVAL RATE</b>	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Chester	99.4	99.4	0.3	1.3
Hardin	219.9	219.9	6.5	27.6
Henderson	158.5	158.5	3.6	12.8
<b>Total</b>	<b>477.8</b>	<b>477.8</b>	<b>10.4</b>	<b>41.7</b>

**Table 4-29. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 0604000104.**

<b>CROPS</b>	<b>TONS/ACRE/YEAR</b>
Grass (Pastureland)	0.40
Grass (Hayland)	0.21
Legumes (Hayland)	0.12
Legumes, Grass (Hayland)	0.29
Grass, Forbs, Legumes (Mixed Pasture)	0.64
Forest Land (Not Grazed)	0.00
Forest Land (Grazed)	0.00
Corn (Row Crops)	7.41
Cotton (Row Crops)	7.73
Sorghum (Row Crops)	3.62
Soybeans (Row Crops)	9.54
Wheat (Close-Grown Cropland)	5.32
All Other Close-Grown Cropland	5.50
Other Vegetable and Truck Crops	28.15
Other Cropland not Planted	5.28
Conservation Reserve Program Lands	0.36
Non-Agricultural Land Use	0.00
Farmsteads and Ranch Headquarters	0.26

**Table 4-30. Annual Soil Loss in Subwatershed 0604000104.**